

In the specification:

Applicant respectfully requests, pursuant to 37 C.F.R. 1.121(a)(1)(i), that the specification be amended as follows:

Please insert the Abstract, attached hereto and incorporated herein by reference.

In the claims:

Please cancel claims 1-6.

Please add the following new claims 7-11.

1. (New) A refrigeration system, comprising:  
a compressor;  
a condenser for transferring heat from high pressure refrigerant flowing therethrough to the surrounding ambient, said condenser having an inlet being in fluid communication with an outlet of said compressor through a first conduit;  
a heat exchanger for transferring heat from low pressure refrigerant flowing therethrough to high pressure refrigerant flowing therethrough, said heat exchanger having a high pressure inlet being in fluid communication with an outlet of said condenser through a second conduit;  
a receiver, said receiver having an inlet being in fluid communication with a high pressure outlet of said heat exchanger through a third conduit;  
an expansion valve having an inlet being in fluid communication with an outlet of said receiver through a fourth conduit;

an evaporator for transferring heat from a refrigerated space to low pressure refrigerant flowing through said evaporator, said evaporator having an inlet being in fluid communication with an outlet of said expansion valve through a fifth conduit;

an accumulator having an inlet being in fluid communication with an outlet of said evaporator through a sixth conduit;

said heat exchanger having a low pressure inlet being in fluid communication with an outlet of said accumulator through a seventh conduit, said compressor having an inlet being in fluid communication with a low pressure outlet of said heat exchanger through an eighth conduit; wherein,

high pressure refrigerant flowing through said heat exchanger from said high pressure inlet thereof to said low pressure outlet thereof is in ascending parallel flow relation to low pressure refrigerant flowing through said heat exchanger from said low pressure inlet thereof to said low pressure outlet thereof.

2 8. (New) The refrigeration system of claim 7, wherein said fourth conduit passes through said accumulator to permit transfer of heat from low pressure gaseous refrigerant in said accumulator to high pressure refrigerant flowing through said fourth conduit.

3 9. (New) The refrigeration system of claim 7, further comprising a by-pass having an inlet being in fluid communication with said sixth conduit and an outlet being in fluid communication with said seventh conduit, wherein said by-pass is moveable between a closed position and a flow-through position, and wherein low pressure refrigerant flows through said by-pass when said by-pass is in said flow-through position.